

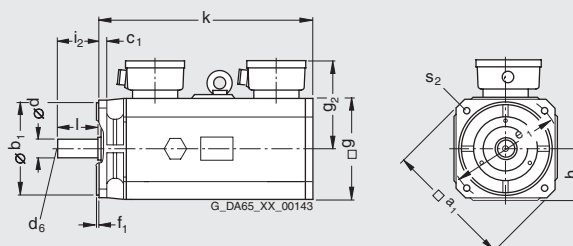
AC motors

Dimension drawings - synchronous motors

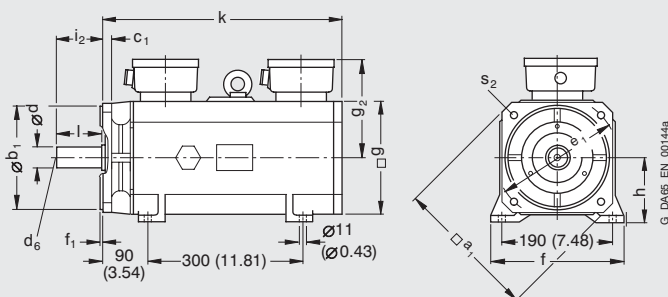
1FS6 motors
Natural cooling

For motor		Dimensions in mm (in)													DE shaft extension		
Shaft height	Type	DIN IEC	a ₁ P	b ₁ N	c ₁ LA	e ₁ M	f AB	f ₁ T	g AC	g ₂ —	h H	i ₂ LE	k LB	s ₂ S	d D	d ₆ —	l E
1FS6, type IM B5 (shaft heights 71, 90) IM B35 (shaft heights 112, 132), natural cooling, with terminal box																	
71	1FS6074		146 (5.75)	110 (4.33)	12 (0.47)	130 (5.12)	—	3.5 (0.14)	128 (5.04)	147.5 (5.81)	64 (2.52)	50 (1.97)	414 (16.30)	9 (0.35)	24 (0.94)	M8	50 (1.97)
90	1FS6096		194 (7.64)	130 (5.12)	12 (0.47)	165 (6.50)	—	3.5 (0.14)	166 (6.54)	168 (6.61)	83 (3.27)	58 (2.28)	476 (18.74)	11 (0.43)	32 (1.26)	M12	58 (2.28)
112	1FS6115		240 (9.45)	180 (7.09)	14 (0.55)	215 (8.46)	235 (9.25)	4 (0.16)	200 (7.87)	184 (7.24)	112 (4.41)	80 (3.15)	515 (20.28)	14 (0.55)	38 (1.5)	M12	80 (3.15)
132	1FS6134		—	250 (9.84)	18 (0.71)	300 (11.81)	260 (10.24)	5 (0.20)	256 (10.08)	209 (8.23)	132 (5.20)	82 (3.23)	559 (22.01)	18 (0.71)	48 (1.89)	M16	82 (3.23)

1FS6074
1FS6096



1FS6115



1FS6134

